

Kongunadu Arts and Science College (Autonomous)
Coimbatore 641029

Department of Physics

Minutes of the Board of Studies

The 19th Board of Studies meeting was held on **04.05.2024**. The Chairman welcomed and outlined the changes to be made in the following for the board approval.

Item 1. To consider revision in the Curriculum, Scheme of Examination and Syllabi of UG/PG/Certificate / Diploma courses and approval.

Item 2. To suggest the panel of names for appointment of examiners.

Item 3. Other academic activities in the department.

As per the suggestions and recommendations given by the various Stakeholders on the above items discussed, the existing/revised the Scheme of Curriculum / Scheme of Examination / Syllabi and Panel of Examiners are to be followed is annexed herewith for the implementation from the commencement of the Academic year 2024 – 2025.

The members after careful scrutiny of the changes to be made unanimously accorded approval for the proposed changes/modifications. They also resolved to authorize the Chairman of Board of Studies to place the changes/modifications now approved by the BOS before the Standing Committee on Academic affairs and Academic Council.

B.Sc Physics

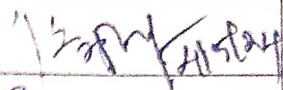


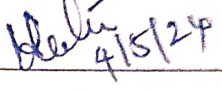
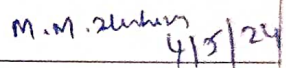
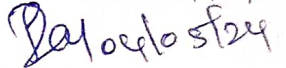
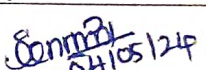
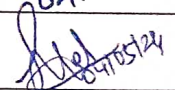
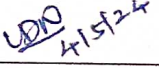

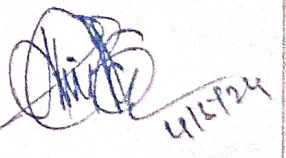
1. In the core paper 2, Heat and Thermodynamics (24UPH202) two topics namely thermodynamic potentials and Maxwell thermodynamic relation has been included in Unit 2.
2. In the core paper 3, Mechanics (24UPH303) Unit 5 has been revamped fully and theory of relativity has been included.
3. In the core paper 4, Electricity and magnetism (24UPH404) two topics namely mutual and self-inductance have been included in Unit 4.
4. Core paper 5, Mathematical Physics (24UPH505) has been revamped completely.
5. In core paper 8, title of the paper Quantum mechanics and relativity (24UPH508) has been changed to Basics of quantum mechanics and unit 5 has been revamped.
6. In core paper 9, Atomic and Solid State Physics (24UPH609) unit 5 Electron theory of metals has been revamped and few topics of superconductivity has been included.

7. In the list of major elective papers, the paper entitled soil physics has been removed and the paper entitled Introduction to microprocessors has been included.
8. A new experiment has been introduced in core practical 1, 2, 3, 4 and 5.
9. A basic of IPR has been introduced as skill based subject 3 in the 6th semester.
10. All the members of the Board of Studies expressed their disapproval over the removal of the paper Women's Rights from the list of Non Major Elective (NME) Papers. It is unanimously decided that the non-major elective paper SOGIESC is very sensitive and could only be considered for discussion in the Board after the content is officially disclosed. The board of studies has unanimously decided to include the papers Human Rights and Consumer Affairs under NME for students who will be admitted during the academic year 2024-2025.

M.Sc Physics

1. In core paper 4, Quantum mechanics 1 (24PPH204) unit 2 and 3 has been revamped.
2. In core paper 5, Thermodynamics and Statistical mechanics (24PPH205) unit 1 and unit 2 has been revamped.
3. In the list of major elective papers, the paper entitled Electronic and Microprocessor has been interchanged with the core paper 6-Thin film physics, Plasma physics and Crystal Growth (24PPH206).
4. Commencement of PG Diploma programme in Particle Accelerator.
5. Implementation of Internships in 3rd semester, for the forthcoming academic year (2024-2025) and onwards. Grade points will be awarded for the same.

Signature of the Board Members

S.No.	Name	Designation	Signature
1.	Mr. K. Karuppusamy	Associate Professor	
2.	Dr. B. Chandar Sekhar	Associate Professor	
3.	Dr. K. Saravanakumar	Associate Professor	
4.	Dr. M. Seetha	Assistant Professor	
5.	Dr. P. Matheswaran	Assistant Professor	Leave of absence
6.	Dr. M. Mohamed Ibrahim	Assistant Professor	
7.	Dr. A. Ranjitha	Assistant Professor	
8.	Dr. N. Senthil kumar	Assistant Professor	
9.	Dr. S. Selvi	Assistant Professor	
10.	Dr. B. Gokul	Assistant Professor	Leave of absence
11.	Dr. V.D. Nithya	Assistant Professor	
12.	Dr. V.Mohankumar	Assistant Professor	Leave of absence
13.	Subject Expert 1 Dr. M.Senthilvelan	Professor and Head, Department of Nonlinear Dynamics, School of Physics, Bharathidasan University, Tiruchirappalli - 620 024	
14.	Subject Expert 2 Dr. C. Ravidhas	Assistant Professor and Head, Department of Physics, Bishop Heber College, Tiruchirappalli - 620 017	
15.	Expert Nominee by Vice-chancellor Dr.D.Venugopal	Associate Professor and Head, Department of Physics, Gobi Arts & Science College, Gobichettipalayam	Leave of absence

16.	Representative from Industry Mr.S.P.Senthil Subramaniam	Partner, Mighty Electronics Equipments Corporation, Sowripalayam, Coimbatore - 641 028	Leave of absence
17.	Alumni Dr.C.Viswanathan	Associate Professor, Department of Nanoscience and Technology, Bharathiar University, Coimbatore - 641 046	c. jir
18.	Student Members 1. Ms. Lydia Joe Danisca. M (PG student Member) 2. Ms. P. Ahila (UG student Member)	II M.Sc Physics III B.Sc Physics	M. Lydia Joe Danisca P Ahila

A. Annalakshmi
9/5/24

Signature of the Chairman of the Board